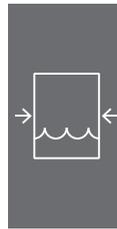


# TT-142 N

## Pressurised water temperature control unit

Temperature control system with flexible application range for injection moulds, small rollers, extruders



- Water up to 140°C
- Heating capacity **12 kW**
- Cooling capacity **60 kW @ 140°C**
- Cooling system indirect
- Application: injection moulds



### Functions

- Self-optimizing temperature controller with temperature display 1/10°C – steps
- Display in °C or °F and l/min or gal/min
- Digital flow display and monitoring
- Automatic temperature control
- Heating switchable in stages
- Display of system and flow pressure
- Automatic water filling
- Automatic air venting
- Pressure relief

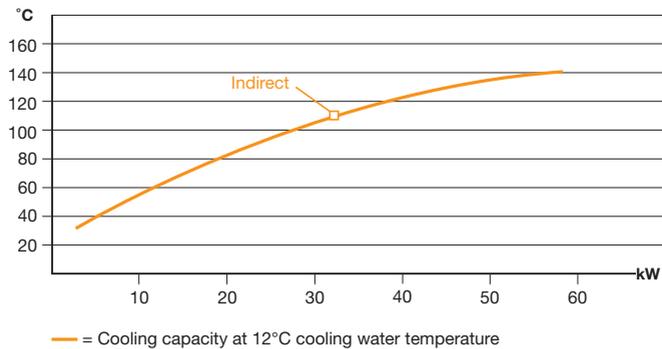
### Construction

- Proven pump with mechanical seal
- Limescale free heat exchanger
- All parts in contact with water are made of stainless steel or bronze
- Unit on castors

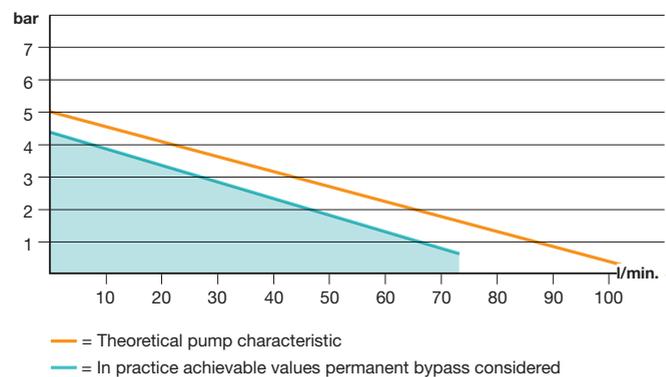
### Safety feature

- Level control for dry run protection
- Electronic temperature limitation and monitoring in the controller
- Mechanical safety thermostats
- Visual and acoustic fault indications
- Integrated circuit breakers
- Main switch, transformer and motor protection switch

## Cooling capacity



## Pump capacity



## Technical data

Product attribute	Unit	TT-142 N
Temperature range	°C	Up to 140°C with water
Temperature control		Self-optimizing, electronic microprocessor controller MP-888 with digital display of the set and actual value. Automatic temperature monitoring.
Flow control		Electronically, with digital display and automatic control of the minimum flow.
Heating capacity	kW	<b>12 kW</b>
Switchable in stages		6/6
Cooling capacity		
Indirect		Approx. <b>60 kW</b> at 140°C – see diagram
Pump capacity		
Motor	kW	1,8 kW
Pressure mode		Max. 5 bar / max. 110 l/min. – see diagram
Pressure increasing pump		No
Temperature measurement at the mould		No
Pressure relief		Yes
Mould drainage		No
Leakstopper		No
Filling		Automatic
Connections		
Medium		3/4" BS female thread
Cooling water		
Inlet		With water filter 3/8" female thread
Outlet		3/8" BS female thread
Dimensions (LxWxH)	mm	870x360x915 mm, incl. castors
Weight	kg	Approx. 107 kg empty
Colour		Silvergrey RAL 7001